

| FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT 1994 | | Attorney Docket No. 8332-327 | | Serial No. 08/147,359 | | |
|--|----|--|-------|----------------------------|---------------|-----------|
| | | Applicant RANGAN et al. | | | | |
| | | Filing Date November 1, 1993 | | Group 2603 Not Assigned | | |
| REFERENCE DESIGNATION* U.S. PATENTS | | | | | | |
| Examiner Initial | * | Document No. | Date | Name | Class | Sub-Class |
| CA | AA | 4,220,816 | 9/80 | Howells et al. | 370 | 24 |
| CA | AB | 4,258,434 | 3/81 | Glowinski et al. | 370 | 60 |
| CA | AC | 4,412,324 | 10/83 | Glowinsky et al. | 370 | 67 |
| CA | AD | 4,445,213 | 4/84 | Baugh et al. | 370 | 60 |
| CA | AE | 4,530,088 | 7/85 | Hamstra et al. | 370 | 110.1 |
| CA | AF | 4,549,292 | 10/85 | Isaman et al. | 370 | 85.15 |
| CA | AG | 4,577,312 | 3/86 | Nash | 370 | 79 |
| CA | AH | 4,587,650 | 5/86 | Bell | 370 | 85.15 |
| CA | AI | 4,637,014 | 1/87 | Bell et al. | 370 | 85.15 |
| CA | AJ | 4,766,590 | 8/88 | Hamada et al. | 370 | 56 |
| CA | AK | 4,766,591 | 8/88 | Huang | 370 | 110.1 |
| CA | AL | 4,845,609 | 7/89 | Lighthart et al. | 370 | 825.08 |
| CA | AM | 4,961,188 | 10/90 | Lau | 370 | 940.2 |
| CA | AN | 4,985,891 | 1/91 | Fujiwara et al. | 370 | 110.1 |
| CA | AO | 5,001,707 | 3/91 | Kositpaiboon et al. | 370 | 852.1 |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| Examiner Initial | * | Document No. | Date | Country | Trans-lation? | Class |
| | | | | | | |
| OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | | | | | | |
| CA | AP | Integrated PBX Systems, An NCC State of the Art Report, The National Computing Centre Limited, 1987. | | | | |
| CA | AQ | ISDN Basic Rate Interface System Design Guide, Telenetworks document, August, 1989 | | | | |
| CA | AR | ISDN Primary Rate Interface System Design Guide, Telenetworks, document, July, 1989 | | | | |
| CA | AS | IEEE 802.3 Draft Supplement to IEEE Std 802.3 CSMA/CD Access Method and Physical Layer Specifications, Institute of Electrical and Electronics, November, 1989 | | | | |
| CA | AT | A communication system proposal presented to representatives of Apple Computer on March 5, 1990. | | | | |

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| CA | AU | Irube al., "Integrated Information and Communication System for Business Networks" <u>Hitachi Review</u> 40(3):241-247 (1991) |
| CA | AV | HMUX ERS "FDDI-II Hybrid Multiplexor (HMUX)" Rev. 2.4, March 25, 1991) |
| CA | AW | On or about November 1, 1991, IBM Corporation provided a "Task Order" and appendix. A copy of pages 6 and 7 of the "Task Order" and appendix titled, "Isoethernet Project Local Cluster Controller Version 1.2" |
| CA | AX | "Exchangeable Card Architecture Specification," Release 1.00, bearing the date December 20, 1991, pages 7, 20 and 22, |
| CA | AY | "PCMCIA Socket Services Interface Specification," Draft 2.00b, bearing the date July 17, 1992 - Pages 5, 7, and 17. |
| CA | AZ | "VersaNet™ An Ethernet Extension for Isochronous Communications" bearing the date August 14, 1992 is a paper sent to National Semiconductor Corporation from Condor Systems, Inc. of San Jose, California on August 18, 1992 |
| CA | BA | "IBM's Multimedia Venture: Opportunity for its Hardware?", Vol. 38, No. 1930, pg. 1, September 21, 1992 |
| CA | BB | "DP839XX Isochronous Time Slot Exchanger (IsoTSX™)", Revision 0.8, bearing the date 10/29/92 and "DP839XX Isochronous Ethernet Physical Layer isoPHY™" Revision 1.1, bearing the date October, 1992, were disclosed to International Business Machines. |
| CA | BC | A disclosure of a communication system was presented at the IEEE 802.9 Standards Meeting on November 8-12, 1992. The pages entitled "Multi-Media Applications are Ready" |
| CA | BD | "National Proposes Isochronous Ethernet", <u>Electronic News</u> , Vol. 38, No. 1940, pg. 19, November 30, 1992 |
| CA | BE | IEEE 802.9 Draft Standard Integrated Services (IS) LAN Interface at the MAC and PHY Layers, Institute of Electrical and Electronics, November, 1992. |
| CA | BF | "DP839XX Isochronous Ethernet Physical Layer IsoPHY™," Revision 2.1, bearing the date "December, 1992" and "DP839XX Isochronous Time Slot Exchanger (isoTSX)," Revision 1.0, bearing the date 12/13/92, were disclosed to IBM and Ericsson. |
| CA | BG | "DP839XX Isochronous Ethernet Physical Layer isoPHY™" Revision 3.0, bearing the date "December, 1992" and "Isochronous Time Slot Exchanger (IsoTSX™) Workbook," Revision 1.2, bearing the date "2/16/93" was disclosed to Luxcom, Inc. of Fremont, California. |
| CA | BH | DP8390 Network Interface Controller: An Introductory Guide, Local Area Network Databook, National Semiconductor Corporation, pps. 1-206 to 1-213, 1992 Edition. |
| CA | BI | DP83932B Systems-Oriented Network Interface Controller, Local Area Network Databook, National Semiconductor Corporation, pps. 1-288 to 1-383, 1992 Edition. |

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| CH | BJ | DP8395 Repeater Interface Controller, Local Area Network Databook, National Semiconductor Corporation, pps. 3-3 to 3-73, 1992 Edition. |
| CH | BR | DP83950EB at IEEE 802.3, Multi-Port Repeater Evaluation Kit, Local Area Network Databook, National Semiconductor Corporation, pps. 75-87, 1992 Edition. |
| CH | | American National Standard for Information System - document X3.139-1987, |
| CH | BM | "Scheme for Fast Ethernet Proposed," by Loring Wirbel, appears to be a newspaper article. At present, the date of this article is unknown, but it is currently believed to be prior to March, 1993. |
| | BN | "Local Area Network Databook" published by National Semiconductor, pages 1-3 to 1-9, 1-242 to 1-248, 5-3 to 5-7 No Publication Date |
| CH | BO | "Token-Ring Network Architecture Reference," pages 5-1 through 5-28 and pages 5-10 and 5-17 - 9/89 |
| EXAMINER <i>Chan Nguyen</i> | | DATE CONSIDERED <i>12/8/94</i> |

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to Applicant.

Copy of this form is in 30/10/94 on 12/8/94